Listing of Claims

The following listing of claims replaces all prior versions.

1. (Currently amended) A system for remotely correlating and displaying dissimilar communication protocol identifiers in real time, comprising:

user communication information carried on a network, where the user communication information is characterized by at least two dissimilar communication protocols;

a first communication protocol associated with a first communication network;

a second communication protocol associated with a second communication network; and

an analysis device remote from and coupled to the first communication network and to the second communication network, the analysis device ~~having a correlation and display element~~ configured to passively detect correlation data identifying a first call portion associated with the first communication protocol, and configured to passively detect correlation data identifying a second call portion associated with the second communication protocol, where the correlation data comprises information identifying the first communication protocol and the second communication protocol, and wherein the correlation data is detected in real time and characterizes a single call.

2. (Original) The system of claim 1, wherein the correlation data allows the first call portion and the second call portion to be displayed to a user in real-time in a call flow record.

3. (Original) The system of claim 2, wherein the correlation data relates to a signaling protocol associated with the first communication protocol and the second communication protocol.

4. (Original) The system of claim 3, wherein the correlation data is supplied to an analysis device that is coupled to the communication network, and wherein the

wherein the correlation data is supplied by a customer provided communication device.

5. (Original) The system of claim 4, wherein the correlation data comprises information relating to multiple telephone calls that span the dissimilar communication protocols.

6. (Original) The system of claim 2, wherein the correlation data identifies dissimilar signaling protocols related to a telephone call, and wherein a first signaling protocol complies with signaling system seven integrated services digital network user part (SS7 ISUP).

7. (Original) The system of claim 2, wherein the correlation data identifies dissimilar signaling protocols related to a telephone call, and wherein the second communication protocol complies with media gateway control protocol (MGCP).

8. (Canceled)

9. (Currently amended) A method for remotely correlating and displaying dissimilar communication protocol signaling messages, comprising:

receiving communication information that spans at least two dissimilar communication networks;

passively detecting in an analysis device remote from and coupled to the first communication network a first call identifier associated with a first communication protocol; and

passively detecting in the analysis device correlation data identifying a first call portion associated with the first communication protocol, and a second call portion associated with a second communication protocol, where the correlation data comprises information identifying the first communication protocol and the second communication protocol, and wherein the correlation data is detected in real time and characterizes a single call.

10. (Original) The method of claim 9, further comprising displaying the first call portion and the second call portion to a user in real-time in a call flow record.

11. (Original) The system of claim 10, wherein the correlation data relates to a signaling protocol associated with the first communication protocol and the second communication protocol.

12. (Original) The method of claim 11, further comprising supplying the correlation data to an analysis device that is coupled to the dissimilar communication networks, and wherein the correlation data is supplied by a customer provided communication device.

13. (Original) The method of claim 12, wherein the correlation data comprises information relating to multiple telephone calls that span the dissimilar communication network.

14. (Original) The method of claim 10, wherein the correlation data identifies dissimilar signaling protocols related to a telephone call, and wherein a first signaling protocol complies with signaling system seven integrated services digital network user part (SS7 ISUP).

15. (Original) The method of claim 10, wherein the correlation data identifies dissimilar signaling protocols related to a telephone call, and wherein the second communication protocol complies with media gateway control protocol (MGCP).

16. (Canceled)

17. (Currently amended) A computer readable medium having a stored program, the stored program comprising executable code for remotely correlating and displaying dissimilar communication protocol signaling messages, comprising:

logic for receiving communication information that spans at least two dissimilar communication networks;

logic for passively detecting a first call identifier associated with a first communication protocol; and

logic for passively detecting in an analysis device remote from and coupled to the at least two dissimilar communication networks correlation data identifying a first call portion associated with the first communication protocol, and a second call portion associated with the second communication protocol, where the correlation data comprises information identifying the first communication protocol and the second communication protocol, and wherein the correlation data is detected in real time and characterizes a single call.

18. (Original) The program of claim 17, further comprising logic for displaying the first call portion and the second call portion to a user in real-time in a call flow record.

19. (Original) The program of claim 18, wherein the correlation data relates to a signaling protocol associated with the first communication protocol and the second communication protocol.

20. (Original) The program of claim 19, further comprising logic for supplying the correlation data to an analysis device that is coupled to the dissimilar communication networks, and wherein the correlation data is supplied by a customer provided communication device.

21. (Original) The program of claim 20, wherein the correlation data comprises information relating to multiple telephone calls that span the dissimilar communication network.

22. (Original) The program of claim 18, wherein the correlation data identifies dissimilar signaling protocols related to a telephone call, and wherein a first signaling

signaling protocol complies with signaling system seven integrated services digital network user part (SS7 ISUP).

23. (Original) The program of claim 18, wherein the correlation data identifies dissimilar signaling protocols related to a telephone call, and wherein the second communication protocol complies with media gateway control protocol (MGCP).

24. (Canceled)

25. (Currently amended) A system for remotely correlating and displaying dissimilar communication protocol identifiers in real time, comprising:

user communication information carried on a network, where the user communication information is characterized by at least two dissimilar communication protocols;

a first communication protocol associated with a first communication network;

a second communication protocol associated with a second communication network; and

an analysis device remote from and coupled to the first communication network and to the second communication network, the analysis device ~~having a correlation and display element~~ configured to passively detect correlation data identifying a first call portion associated with the first communication protocol, and configured to passively detect correlation data identifying a second call portion associated with the second communication protocol, where the correlation data comprises information identifying the first communication protocol and the second communication protocol, wherein the correlation data is passively detected in real time and characterizes a single call, and wherein the first communication protocol is SS7 and the second communication protocol is internet protocol (IP).